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24267 7590 03/14/2005

CESARI AND MCKENNA, LLP  
 88 BLACK FALCON AVENUE  
 BOSTON, MA 02210

06/16/2005 MBERHE1 00000030 10720568

01 FC:1501 1400.00 OP  
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JUN 14 2005

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Jeneen Adamo

(Depositor's name)

Jeneen Adamo

(Signature)

June 14, 2005

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/720,568	11/24/2003	Jianhong Ju	112055-0074U	5723

TITLE OF INVENTION: FAILSAFE FOR DIFFERENTIAL CIRCUIT BASED ON CURRENT SENSE SCHEME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	06/14/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHANG, DANIEL D	2819	326-014000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Cesari and McKenna, LLP

2 Edwin H. Paul, Esq.

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Fairchild Semiconductor Corporation

South Portland, Maine

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 03-1237 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Edwin H. Paul

Date June 14, 2005

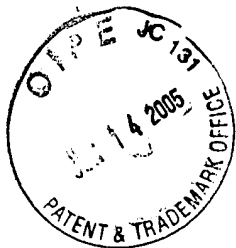
Typed or printed name

Edwin H. Paul

Registration No. 31,405

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENTS  
112055-0074U  
17732-67080.00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of:  
Jianhong Ju et al.

Serial No.: 10/720,568

Filed: November 24, 2003

For: FAILSAFE FOR DIFFERENTIAL  
CIRCUIT BASED ON CURRENT  
SENSE SCHEME

Examiner: Chang, Daniel D.

Art Unit: 2836

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
June 14, 2005

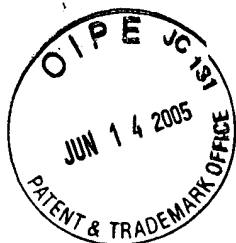
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The following papers are being deposited with the United States Postal Service  
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

X Issue Fee Transmittal Letter  
X Form PTOL-85B

X Check No. 30650 for \$1,730.00  
X Return Receipt Postcard



PATENTS  
112055-0074U  
17732-67080.00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of:	)	
Jianhong Ju et al.	)	
	)	Confirmation No.: 5723
Serial No.: 10/720,568	)	
	)	
Filed: November 24, 2003	)	Examiner: Chang, Daniel D.
	)	
For: FAILSAFE FOR DIFFERENTIAL	)	
CIRCUIT BASED ON CURRENT	)	Art Unit: 2836
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		Cesari and McKenna, LLP
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“Express Mail” Mailing-Label Number: EV432397669US

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Sir:

**ISSUE-FEE TRANSMITTAL**

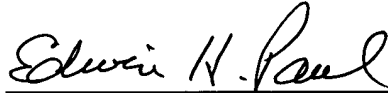
In response to the Notice of Allowance and Issue Fee Due mailed March 14,  
2005, for the above-identified application, enclosed are the following documents:

- Issue Fee Transmittal Form PTOL-85b; and
- a check for \$1730 to cover the \$1400 issue fee, the \$300 publication fee, and the \$30 soft-copy fee.

PATENTS  
112055-0074U  
17732-67080.00

Please charge any additional fee occasioned by this paper to our Deposit Account  
No. 03-1237.

Respectfully submitted,

A handwritten signature in cursive script, reading "Edwin H. Paul", is positioned above a horizontal line.

Edwin H. Paul  
Reg. No. 31,405  
CESARI AND MCKENNA, LLP  
88 Black Falcon Avenue  
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(617) 951-2500